

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

Practitioners associated with the Customer Number:

22971

OR

Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

(A circular stamp is placed over the table above, containing the text 'DRAFT' at the top, followed by 'JAN 28 2005' in the center, and 'PATENT & TRADEMARK OFFICE' around the bottom.)

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

The address associated with
Customer Number:

22971

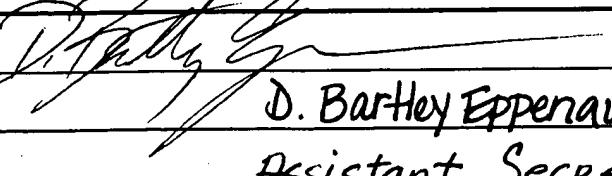
Assignee Name and Address:

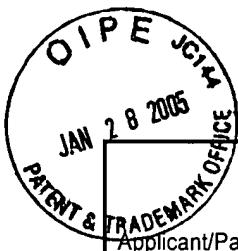
MICROSOFT CORPORATION
ONE MICROSOFT WAY
REDMOND, WA 98052

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date 12/20/2004
Name	D. Bartley Eppenauer	Telephone 425-703-0645
Title	Assistant Secretary	



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Microsoft Corporation

Application No./Patent No.: 09/886,771 Filed/Issue Date: June 21, 2001

Entitled: CLUSTERING OF DATABASES HAVING MIXED DATA ATTRIBUTES

Microsoft Corporation, a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____ Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____ Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____ Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee pursuant to the accompanying copy of an executed General Power of Attorney (PTO/SB/80).

1/25/05

Date

(425) 707-3913

Telephone number

Paul B. Heynssens

Typed or printed name

Paul B. Heynssens

Signature

Attorney of Record – Registration No. 47,648

Title



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number..... 09/886,771
Filing Date June 21, 2001
Inventorship Paul S. Bradley
Applicant Microsoft Corporation
Attorney's Docket No. 15-769
Title: Clustering of Databases Having Mixed Data Attributes

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Paul S. Bradley
1939 25th Avenue, East
Seattle, Washington 98112

Markus Wawryniuk
Karlsbader Strasse 30
06128 Halle (Saale) GERMANY

Assignee:

Microsoft Corporation
Corporation in the State of Washington
One Microsoft Way
Redmond, WA 98052

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Clustering of Databases Having Mixed Data Attributes," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE,

the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Date

Paul S. Bradley

Date

Markus Wawryniuk
Markus Wawryniuk